Gene, 137 (1993) 355–358
Elsevier

AUTHOR INDEX VOLUME 137 (1993)

Abdul-Latif, F., see Lam, K.S. 137 (1993) 13
Alting-Mees, M.A. and Short, J.M., Polycos vectors: a system for packaging filamentous phage and phagemid vectors using lambda phage packaging extracts 137 (1993) 93
Amberg, J.R., see Hogrefe, H.H. 137 (1993) 85
Amberg, W., see Barbas III, C.F. 137 (1993) 57
Amirault, T., see Jellis, C.L. 137 (1993) 63
Ami, Y., see Uchida, K. 137 (1993) 293
Auer, H., see Städtler, P. 137 (1993) 347

Babwah, A.V., see Borchardt, S.A. 137 (1993) 253
Balint, R.F. and Larrick, J.W., Antibody engineering by parsimonious mutagenesis 137 (1993) 109
Banerjee, D., see Bhattacharyya, N. 137 (1993) 315
Barbas III, C.F., Amberg, W., Simoncsits, A., Jones, T.M. and Lerner, R.A., Selection of human anti-hapten antibodies from semisynthetic libraries 137 (1993) 57
Bartel, D.P., see Giver, L. 137 (1993) 19
Baumanis, V., see Kozlovska, T.M. 137 (1993) 133
Baumann, L., see Munson, M.A. 137 (1993) 171
Baumann, P., see Munson, M.A. 137 (1993) 171
Bhattacharyya, N. and Banerjee, D., Transcriptional regulation of the gene encoding apolipoprotein AI in chicken LMH cells 137 (1993) 315
Bienkowski, M.J., see Shuck, M.E. 137 (1993) 339
Bindra, P.S., Knowles, R. and Buckley, K.M., Conservation of the amino acid sequence of SV2, a transmembrane transporter in synaptic vesicles and endocrine cells 137 (1993) 299
Black, M.E., see Dube, D.K. 137 (1993) 41
Bland, M.M., Identification of alternate 5′ untranslated regions in the gene encoding Ca^{2+}/calmodulin-dependent kinase-Gr 137 (1993) 351
Borchardt, S.A., Babwah, A.V. and Jayaswal, R.K., Sequence analysis of the region downstream from a peptidoglycan hydrolase-encoding gene from *Staphylococcus aureus* NCTC8325 137 (1993) 253
Boyd, J., see Jellis, C.L. 137 (1993) 63
Boyle-Vavra, S., So, M. and Seifert, H.S., Transcriptional control of gonococcal *pilE* expression: involvement of an alternate sigma factor 137 (1993) 233
Buckley, K.M., see Bindra, P.S. 137 (1993) 299
Bünemann, H., see Burgtorf, C. 137 (1993) 287
Burgtorf, C. and Bünemann, H., A telomere-like satellite $(GGGTCAT)_n$ comprises 4% of genomic DNA of *Drosophila hydei* and is located mainly in centromeric heterochromatin of all large acrocentric autosomes 137 (1993) 287

Cahill, K.B., Wirak, D.O., Mierz, D.V., Wunderlich, D.A., Rose, B.W., Shedd, D.G., Gillespie, A. and Zerler, B.R., Transgenic mice and transhybridomas producing chimeric mouse/human anti-human interleukin-2 receptor recombinant antibodies 137 (1993) 101
Calcutt, M.J., Kremer, M.T., Giblin, M.F., Quinn, T.P. and Deutscher, S.L., Isolation and characterization of nucleic acid-binding antibody fragments from autoimmune mice-derived bacteriophage display libraries 137 (1993) 77
Cansado, J., see Velasco, J.A. 137 (1993) 179
Carpenter, P.B., Zuberi, A.R. and Ordal, G.W., *Bacillus subtilis* flagellar proteins FliP, FliQ, FliR and FlhB are related to *Shigella flexneri* virulence factors 137 (1993) 243
Charleston, B. and Stewart, H.J., An interferon-induced Mx protein: cDNA sequence and high-level expression in the endometrium of pregnant sheep 137 (1993) 327
Chung, K., see Khan, A.S. 137 (1993) 321
Cielēns, I., see Kozlovska, T.M. 137 (1993) 133
Cohen, F.E., see Sun, E. 137 (1993) 127
Cradick, T.J., see Jellis, C.L. 137 (1993) 63
Craik, C.S., see Perona, J.J. 137 (1993) 121
Crameri, R. and Suter, M., Display of biologically active proteins on the surface of filamentous phages: a cDNA cloning system for selection of functional gene products linked to the genetic information responsible for their production 137 (1993) 69
Cravchik, A. and Matus, A., A novel strategy for the immunological tagging of cDNA constructs 137 (1993) 139
Cuzzocrea, C., see Lam, K.S. 137 (1993) 13

Deutscher, S.L., see Calcutt, M.J. 137 (1993) 77
DiPersio, J.F., see Rapoport, A.P. 137 (1993) 333
Dišlers, A., see Kozlovska, T.M. 137 (1993) 133
Dreilinņa, D., see Kozlovska, T.M. 137 (1993) 133
Dube, D.K., Black, M.E., Munir, K.M. and Loeb, L.A., Selection of new biologically active molecules from random nucleotide sequences 137 (1993) 41

Edwards, R.D., see Riffkin, M.C. 137 (1993) 259
Ellington, A.D., see Giver, L. 137 (1993) 19
Etheredge, J., see Khan, A.S. 137 (1993) 321
Evnin, L.B., see Perona, J.J. 137 (1993) 121

Federici, B.A., see Pham, D.Q.-D. 137 (1993) 275
Ferguson, R., see Lam, K.S. 137 (1993) 13
Focareta, A., see Riffkin, M.C. 137 (1993) 259
Frey, B., see Städtler, P. 137 (1993) 347
Fritz, C.C., Wolter, F.P., Schenkemeyer, V., Herget, T. and Schreier, P.H., The gene family encoding the ribulose-(1,5)-bisphosphate carboxylase/oxygenase (Rubisco) small subunit of potato 137 (1993) 271

Giblin, M.F., see Calcutt, M.J. 137 (1993) 77
Gillespie, A., see Cahill, K.B. 137 (1993) 101
Giver, L., Bartel, D.P., Zapp, M.L., Green, M.R. and Ellington, A.D., Selection and design of high-affinity RNA ligands for HIV-1 Rev 137 (1993) 19
Goldstein, J., see Zhu, A. 137 (1993) 309
Gonzales, R., see Khan, A.S. 137 (1993) 321
Gray, G.S., see Jellis, C.L. 137 (1993) 63
Green, M.R., see Giver, L. 137 (1993) 19
Griffin, L.C., Toole, J.J. and Leung, L.L.K., The discovery and characterization of a novel nucleotide-based thrombin inhibitor 137 (1993) 25

Hanai, S., see Uchida, K. 137 (1993) 293
Hashimoto-Gotoh, T., Tsujimura, A., Kuriyama, K.-y. and Matsuda, S., Construction and characterization of new host-vector systems for the enforcement-cloning method 137 (1993) 211
Hay, B.N., see Hogrefe, H.H. 137 (1993) 85
Hengstenberg, W., see Städtler, P. 137 (1993) 347
Herget, T., see Fritz, C.C. 137 (1993) 271
Herzing, L.B.K. and Meyn, M.S., Novel *lacZ*-based recombination vectors for mammalian cells 137 (1993) 163
Hice, R.H., see Pham, D.Q.-D. 137 (1993) 275
Hogrefe, H.H., Amberg, J.R., Hay, B.N., Sorge, J.A. and Shopes, B., Cloning in a bacteriophage lambda vector for the display of binding proteins on filamentous phage 137 (1993) 85
Houghten, R.A., The broad utility of soluble peptide libraries for drug discovery 137 (1993) 7
Huang, P.L., see Lee-Huang, S. 137 (1993) 203
Huang, P.L., see Lee-Huang, S. 137 (1993) 203

Iimura, Y., see Kimura, T. 137 (1993) 265

Jannatipour, M., see Kan, J.L.C. 137 (1993) 195
Jayaswal, R.K., see Borchardt, S.A. 137 (1993) 253
Jellis, C.L., Cradick, T.J., Rennert, P., Salinas, P., Boyd, J., Amirault, T. and Gray, G.S., Defining critical residues in the epitope for a HIV-neutralizing monoclonal antibody using phage display and peptide array technologies 137 (1993) 63
Joe, Y.A., see Rinaudo, M.S. 137 (1993) 303
Jones, T.M., see Barbas III, C.F. 137 (1993) 57

Kahn, M., see Nakanishi, H. 137 (1993) 51
Kan, J.L.C., Jannatipour, M., Taylor, S.M. and Moran, R.G., Mouse cDNAs encoding a trifunctional protein of de novo purine synthesis and a related single-domain glycinamide ribonucleotide synthetase 137 (1993) 195
Kato, J., Yamamoto, T., Yamada, K. and Ohtake, H., Cloning, sequence and characterization of the polyphosphate kinase-encoding gene (*ppk*) of *Klebsiella aerogenes* 137 (1993) 237
Kawakami, T., see Velasco, J.A. 137 (1993) 179
Khan, A.S., Taylor, B.R., Chung, K., Etheredge, J., Gonzales, R. and Ringer, D.P., Genomic structure of rat liver aryl sulfotransferase IV-encoding gene 137 (1993) 321
Kimura, T., Kitamoto, N., Matsuoka, K., Nakamura, K., Iimura, Y. and Kito, Y., Isolation and nucleotide sequences of the genes encoding killer toxins from *Hansenula mrakii* and *H. saturnus* 137 (1993) 265
Kitamoto, N., see Kimura, T. 137 (1993) 265
Kito, Y., see Kimura, T. 137 (1993) 265
Klaenhammer, T.R., see O'Sullivan, D.J. 137 (1993) 227
Knowles, R., see Bindra, P.S. 137 (1993) 299
Knudtson, K.L. and Minion, F.C., Construction of Tn*4001lac* derivatives to be used as promoter probe vectors in mycoplasmas 137 (1993) 217
Komano, T., see Yoshisue, H. 137 (1993) 247
Kortt, A.A., see Riffkin, M.C. 137 (1993) 259
Kozlovska, T.M., Cielēns, I., Dreilinņa, D., Dišlers, A., Baumanis, V., Ose, V. and Pumpēns, P., Recombinant RNA phage Qβ capsid particles synthesized and self-assembled in *Escherichia coli* 137 (1993) 133
Kramer, J.M., see Levy, A.D. 137 (1993) 281

Krchnak, V., see Lam, K.S. 137 (1993) 13
Kremer, M.T., see Calcutt, M.J. 137 (1993) 77
Kung, H.-f., see Lee-Huang, S. 137 (1993) 203
Kuriyama, K.-y., see Hashimoto-Gotoh, T. 137 (1993) 211
Kushida, S., see Uchida, K. 137 (1993) 293

Laborda, J., see Velasco, J.A. 137 (1993) 179
Lam, K.S., Lebl, M., Krchnak, V., Wade, S., Abdul-Latif, F., Ferguson, R., Cuzzocrea, C. and Wertman, K., Discovery of D-amino-acid-containing ligands with selectide technology 137 (1993) 13
Larrick, J.W., see Balint, R.F. 137 (1993) 109
Lebl, M., see Lam, K.S. 137 (1993) 13
Lee-Huang, S., Lin, J.-J., Kung, H.-f., Huang, P.L., Lee, L. and Huang, P.L., The 3′ flanking region of the human erythropoietin-encoding gene contains nitrogen-regulatory/oxygen-sensing consensus sequences and tissue-specific transcriptional regulatory elements 137 (1993) 203
Lee, L., see Lee-Huang, S. 137 (1993) 203
Lerner, R.A., see Barbas III, C.F. 137 (1993) 57
Leung, L.L.K., see Griffin, L.C. 137 (1993) 25
Levy, A.D. and Kramer, J.M., Identification, sequence and expression patterns of the *Caenorhabditis elegans col-36* and *col-40* collagen-encoding genes 137 (1993) 281
Lin, J.-J., see Lee-Huang, S. 137 (1993) 203
Lipsick, J.S., see Smarda, J. 137 (1993) 145
Loeb, L.A., see Dube, D.K. 137 (1993) 41
Luo, H. and Perlin, M.H., The γ-tubulin-encoding gene from the basidiomycete fungus, *Ustilago violacea*, has a long 5′-untranslated region 137 (1993) 187

MacDougal-Waugh, S., see Tuerk, C. 137 (1993) 33
Marmur, J., see Yao, B. 137 (1993) 223
Matsuda, S., see Hashimoto-Gotoh, T. 137 (1993) 211
Matsuoka, K., see Kimura, T. 137 (1993) 265
Matus, A., see Cravchik, A. 137 (1993) 139
Meyn, M.S., see Herzing, L.B.K. 137 (1993) 163
Mierz, D.V., see Cahill, K.B. 137 (1993) 101
Minion, F.C., see Knudtson, K.L. 137 (1993) 217
Miwa, M., see Uchida, K. 137 (1993) 293
Moran, R.G., see Kan, J.L.C. 137 (1993) 195
Munir, K.M., see Dube, D.K. 137 (1993) 41
Munson, M.A., Baumann, L. and Baumann, P., *Buchnera aphidicola* (a prokaryotic endosymbiont of aphids) contains a putative 16S rRNA operon unlinked to the 23S rRNA-encoding gene: sequence determination, and promoter and terminator analysis 137 (1993) 171
Myler, P.J., see Souza, A.E. 137 (1993) 349

Nakamura, K., see Kimura, T. 137 (1993) 265
Nakanishi, H., Ramurthy, S., Raktabutr, A., Shen, R. and Kahn, M., Peptidomimetics of the immunoglobulin supergene family — a review 137 (1993) 51
Narayan, O., see Zhao, L.-J. 137 (1993) 345
Nicholson, R.C., see Polly, P. 137 (1993) 353
Nishimoto, T., see Yoshisue, H. 137 (1993) 247
Notario, V., see Velasco, J.A. 137 (1993) 179

O'Sullivan, D.J. and Klaenhammer, T.R., High- and low-copy-number *Lactococcus* shuttle cloning vectors with features for clone screening 137 (1993) 227
Ohtake, H., see Kato, J. 137 (1993) 237
Ordal, G.W., see Carpenter, P.B. 137 (1993) 243
Ose, V., see Kozlovska, T.M. 137 (1993) 133
Ozawa, Y., see Uchida, K. 137 (1993) 293

Park, M.H., see Rinaudo, M.S. 137 (1993) 303
Peña, M.C., see Velasco, J.A. 137 (1993) 179
Perlin, M.H., see Luo, H. 137 (1993) 187
Perona, J.J., Evnin, L.B. and Craik, C.S., A genetic selection elucidates structural determinants of arginine versus lysine specificity in trypsin 137 (1993) 121
Pham, D.Q.-D., Hice, R.H., Sivasubramanian, N. and Federici, B.A., The 1629-bp open reading frame of the *Autographa californica* multinucleocapsid nuclear polyhedrosis virus encodes a virion structural protein 137 (1993) 275
Polly, P. and Nicholson, R.C., Sequence of the mouse fibronectin-encoding gene promoter region 137 (1993) 353
Pumpēns, P., see Kozlovska, T.M. 137 (1993) 133

Quinn, T.P., see Calcutt, M.J. 137 (1993) 77

Raktabutr, A., see Nakanishi, H. 137 (1993) 51
Ramurthy, S., see Nakanishi, H. 137 (1993) 51
Rao, V.B., see Saunders, N.B. 137 (1993) 153
Rapoport, A.P. and DiPersio, J.F., Sequence analysis and functional studies of interleukin-3 receptor α subunit-encoding cDNAs amplified from KG-1 leukemic cells and normal human marrow 137 (1993) 333
Rennert, P., see Jellis, C.L. 137 (1993) 63

Riffkin, M.C., Focareta, A., Edwards, R.D., Stewart, D.J. and Kortt, A.A., Cloning, sequence and expression of the gene (*aprV5*) encoding extracellular serine acidic protease V5 from *Dichelobacter nodosus* 137 (1993) 259
Rinaudo, M.S., Joe, Y.A. and Park, M.H., Cloning and sequencing of a chick embryo cDNA encoding the 20-kDa hypusine-containing protein, eIF-5A 137 (1993) 303
Ringer, D.P., see Khan, A.S. 137 (1993) 321
Rose, B.W., see Cahill, K.B. 137 (1993) 101

Sakai, H., see Yoshisue, H. 137 (1993) 247
Salinas, P., see Jellis, C.L. 137 (1993) 63
Saunders, N.B., Zollinger, W.D. and Rao, V.B., A rapid and sensitive PCR strategy employed for amplification and sequencing of *porA* from a single colony-forming unit of *Neisseria meningitidis* 137 (1993) 153
Schenkemeyer, V., see Fritz, C.C. 137 (1993) 271
Schmitz, G., see Städtler, P. 137 (1993) 347
Schreier, P.H., see Fritz, C.C. 137 (1993) 271
Seifert, H.S., see Boyle-Vavra, S. 137 (1993) 233
Shedd, D.G., see Cahill, K.B. 137 (1993) 101
Shen, R., see Nakanishi, H. 137 (1993) 51
Shopes, B., see Hogrefe, H.H. 137 (1993) 85
Short, J.M., see Alting-Mees, M.A. 137 (1993) 93
Shuck, M.E., Veldman, S.A. and Bienkowski, M.J., Cloning sequencing and phylogenetic analysis of a human 5-hydroxytryptamine$_{1D}$ receptor pseudogene 137 (1993) 339
Simoncsits, A., see Barbas III, C.F. 137 (1993) 57
Sivasubramanian, N., see Pham, D.Q.D. 137 (1993) 275
Smarda, J. and Lipsick, J.S., Dicistronic selection for nuclear proteins in living animal cells 137 (1993) 145
Sollitti, P., see Yao, B. 137 (1993) 223
So, M., see Boyle-Vavra, S. 137 (1993) 233
Sorge, J.A., see Hogrefe, H.H. 137 (1993) 85
Souza, A.E., Myler, P.J. and Stuart, K.D., The alkane-inducible *Candida maltosa ALI1* gene product is an NADH:ubiquinone oxidoreductase subunit homologue 137 (1993) 349
Städtler, P., Strandmann, R.P.v., Walter, T., Frey, B., Auer, H., Hengstenberg, W. and Schmitz, G., Purification and characterisation of the restriction endonuclease *Ita*I from *Ilyobacter tartaricus* recognizing 5′-GC↓NGC-3′ 137 (1993) 347
Stewart, D.J., see Riffkin, M.C. 137 (1993) 259
Stewart, H.J., see Charleston, B. 137 (1993) 327
Strandmann, R.P.v., see Städtler, P. 137 (1993) 347
Stuart, K.D., see Souza, A.E. 137 (1993) 349
Sun, E. and Cohen, F.E., Computer-assisted drug discovery — a review 137 (1993) 127
Suter, M., see Crameri, R. 137 (1993) 69

Taylor, B.R., see Khan, A.S. 137 (1993) 321
Taylor, S.M., see Kan, J.L.C. 137 (1993) 195
Toole, J.J., see Griffin, L.C. 137 (1993) 25
Tsujimura, A., see Hashimoto-Gotoh, T. 137 (1993) 211
Tuerk, C. and MacDougal-Waugh, S., In vitro evolution of functional nucleic acids: high-affinity RNA ligands of HIV-1 proteins 137 (1993) 33

Uchida, K., Uchida, M., Hanai, S., Ozawa, Y., Ami, Y., Kushida, S. and Miwa, M., Isolation of the poly(ADP-ribose) polymerase-encoding cDNA from *Xenopus laevis*: phylogenetic conservation of the functional domains 137 (1993) 293
Uchida, M., see Uchida, K. 137 (1993) 293

Velasco, J.A., Cansado, J., Peña, M.C., Kawakami, T., Laborda, J. and Notario, V., Cloning of the dihydroxyacid dehydratase-encoding gene (*ILV3*) from *Saccharomyces cerevisiae* 137 (1993) 179
Veldman, S.A., see Shuck, M.E. 137 (1993) 339

Wade, S., see Lam, K.S. 137 (1993) 13
Walter, T., see Städtler, P. 137 (1993) 347
Wertman, K., see Lam, K.S. 137 (1993) 13
Wirak, D.O., see Cahill, K.B. 137 (1993) 101
Wolter, F.P., see Fritz, C.C. 137 (1993) 271
Wunderlich, D.A., see Cahill, K.B. 137 (1993) 101

Yamada, K., see Kato, J. 137 (1993) 237
Yamamoto, T., see Kato, J. 137 (1993) 237
Yao, B., Marmur, J. and Sollitti, P., Construction of glucose-repressible yeast expression vectors 137 (1993) 223
Yoshisue, H., Nishimoto, T., Sakai, H. and Komano, T., Identification of a promoter for the crystal protein-encoding gene *cryIVB* from *Bacillus thuringiensis* subsp. *israelensis* 137 (1993) 247

Zapp, M.L., see Giver, L. 137 (1993) 19
Zerler, B.R., see Cahill, K.B. 137 (1993) 101
Zhao, L.-J. and Narayan, O., A gene expression vector useful for protein purification and studies of protein-protein interaction 137 (1993) 345
Zhu, A. and Goldstein, J., Cloning and characterization of a cDNA encoding chicken liver α-*N*-acetylgalactosaminidase 137 (1993) 309
Zollinger, W.D., see Saunders, N.B. 137 (1993) 153
Zuberi, A.R., see Carpenter, P.B. 137 (1993) 243